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$C_7H_{11}N_3S$. 2-Ethylmercapto-4-methyl-6-aminopyrimidine. *Johns*. 352
$C_7H_{12}O_2N_2$. Diethyloxyacetylcyanamide. *Clemmensen* and *Heitman*..... 299

7 IV.

$C_7H_6N_2BrS_2$. (1) 2-Ethylmercapto-5-brom-6-isothiocyanpyrimidine. *Johnson* and *Storey*..... 140
(2) 2-Ethylmercapto-5-brom-6-thiocyanpyrimidine. *Johnson* and *Storey*..... 139
$C_7H_8O_2N_2S$. 2-Ethylmercapto-6-oxypyrimidine-5-carboxylic acid. *Wheeler* and *Clapp*..... 239
$C_7H_9N_2ClS$. 2-Ethylmercapto-4-methyl-6-chlorpyrimidine. *Johns* 351
$C_7H_{10}ON_2S$. 2-Ethylmercapto-4-methyl-6-oxypyrimidine. *Johns*. 350
$C_7H_{10}ON_4S$. 2-Ethylmercapto-6-aminopyrimidine-5-carboxamide. *Wheeler* and *Clapp*..... 242
$C_7H_{12}ON_2S$. Diethylthiohydantoin. *Clemmensen* and *Heitman*.. 297

7 V.

$C_7H_6ON_3Cl_2S$. 2-Ethylmercapto-6-chlorpyrimidine-5-carboxylic acid chloride. *Wheeler* and *Clapp* 240
$C_7H_6ON_3ClS$. 2-Ethylmercapto-6-chlorpyrimidine-5-carboxamide. *Wheeler* and *Clapp* 241
$C_7H_9ON_4BrS$. Product obtained by heating 2-ethylmercapto-6-aminopyrimidine-5-carboxamide dibrom addition product. *Wheeler* and *Clapp* 244
$C_7H_{10}ON_4Br_2S$. Dibrom addition product of 2-ethylmercapto-6-aminopyrimidine-5-carboxamide. *Wheeler* and *Clapp* ... 244

C_8-GROUP.

8 III.

$C_8H_9N_3S_2$. 2-Ethylmercapto-5-methyl-6-thiocyanpyrimidine. *Johnson* and *Storey* 138
$C_8H_{12}Cl_2As_2$. Dimethylarsinephenylarsine dichloride. *Dehn* and *Wilcox* 122
$C_8H_{20}IAs$. Dimethyldi-*n*-propylarsonium iodide. + $HgCl_2$ (p. 124). *Dehn* and *Wilcox* 124

8 IV.

$C_8H_7O_3N_3Cl$. (1) α- and β-Methyl chlorimido-*m*-nitrobenzoates. *Hilpert* 157
Stieglitz 37
(2) α- and β-Methyl chlorimido-*p*-nitrobenzoates. *Hilpert* .. 163
Stieglitz 38
$C_8H_7O_3N_2Br$. Methyl bromimido-*m*-nitrobenzoate. *Hilpert* 191
$C_8H_8O_4N_2S_2$. Pyrimidine-2,6-dithioglycollic acid. *Wheeler* and *Liddle* 557
$C_8H_{10}O_3N_2S$. Ethyl 6-oxypyrimidine-2-thioglycollate. + $\frac{1}{2}H_2O$. *Wheeler* and *Liddle* 553

8 V.

$C_8H_6O_3N_2ClBr$. Methyl chlorimido-*m*-nitro-*p*-brombenzoate. *Hilpert* 188
$C_8H_7ONClBr$. Methyl chlorimido-*p*-brombenzoate. *Hilpert* 187

C_9-GROUP.

9 II.

C_9H_7N. (1) Isoquinoline. + H_2SO_4 (p. 422). + $C_6H_2(NO_2)_3OH$ (p. 422). 2 + 2HCl + $PtCl_4$ (p. 422). *Beattie* 421
(2) Quinoline. *Tingle* and *Gorsline* 72, 73, 75
$C_9H_{10}O_2$. Ethyl benzoate. *Tingle* and *Gorsline* 64, 68, 71, 78, 82, 84
$C_9H_{21}As$. Tripropylarsine. *Dehn* and *Williams* 115, 119

9 III.

C_9H_7ON. 1-Oxyisoquinoline. + HCl (p. 421). 2 + 2HCl + $PtCl_4$ (p. 421). *Beattie*..... 421
$C_9H_{16}O_2N_2$. Dipropyloxyacetylcyanamide. *Clemmensen* and *Heitman*..... 301
$C_9H_{18}O_4N_2$. Dimethyloxyacetylurea. Ag_2 + H_2O (p. 295). Zn + H_2O (p. 295). *Clemmensen* and *Heitman*..... 294

9 IV.

$C_9H_9O_2NBr_2$. 3,5-Dibromphenylalanine. Ag (p. 346). Ba + $3H_2O$ (p. 345). Cu + $1\frac{1}{2}H_2O$ (p. 346). +HCl (p. 344). *Wheeler* and *Clapp*..... 337, 343
$C_9H_9O_3N_2Cl$. (1) α- and β-Ethyl chlorimido-*m*-nitrobenzoates. *Stieglitz*..... 83
(2) α- and β-Ethyl chlorimido-*p*-nitrobenzoates. *Hilpert*..... 168
Stieglitz..... 38
(3) α- and β-Methyl chlorimido-*m*-nitro-*p*-methylbenzoates. *Hilpert*..... 173
Stieglitz..... 38
$C_9H_{10}ONCl$. Methyl chlorimido-*p*-methylbenzoate. *Hilpert*..... 178
$C_9H_{10}O_2NCl$. Methyl chlorimido-*p*-anisate. *Hilpert*..... 190
$C_9H_{10}O_2NI$. *p*-Iodphenylalanine. Ag (p. 465) Cu (p. 466). + HCl (p. 465). + $C_6H_2(NO_2)_3OH$ (p. 467). *Wheeler* and *Clapp*.. 458, 463
$C_9H_{11}O_2N_2S$. 2-Ethylmercapto-5-carbethoxy-6-oxypyrimidine. K. *Wheeler* and *Clapp*..... 239
$C_9H_{14}ON_2S$. 2-Ethylmercapto-4-methyl-6-ethoxypyrimidine. *Johns*..... 351

C_{10}-GROUP.

10 II.

$C_{10}H_9N$. *py*-3-Methylquinoline. + $C_6H_2(NO_2)_3OH$ (*p.* 426). + CH_3I (p. 426). *Beattie*..... 425
$C_{10}H_{16}O$. Camphor. *Tingle* and *Gorsline*..... 63
$C_{10}H_{16}O_5$. Ethyl ethoxymethylenemalonate. *Wheeler* and *Clapp*..... 237
$C_{10}H_{23}As$. Diisoamylarsine. *Dehn* and *Williams*..... 118, 123

10 III.

$C_{10}H_7O_3N$. 1-Oxyisoquinoline-3-carboxylic acid. Ba (p. 420). Pb (p. 420). *Beattie*..... 419
$C_{10}H_{24}IAs$. Dimethyl-*n*-propylisoamylarsonium iodide. *Dehn* and *Wilcox*..... 123

10 IV.

$C_{10}H_{11}O_3N_2Cl$. *n*-Propyl chlorimido-*p*-nitrobenzoate. + HCl (p. 172). *Hilpert* 173
$C_{10}H_{14}ON_2S$. 2-Ethylmercapto-5-methyl-6-thionurethanepyrimidine. *Johnson* and *Storey* 139

C_{11}-GROUP.

11 II.

$C_{11}H_{12}O_2$. Ethyl cinnamate. *Tingle* and *Gorsline* 64, 69, 72
$C_{11}H_{12}N_4$. 2-Orthotoluidino-6-aminopyrimidine. + HCl (p. 142). *Johnson* and *Storey* 141

11 III.

$C_{11}H_8O_6N_4$. 3-*p*-Nitrobenzyl-5-nitrouracil. *Johnson* and *Derby* 454
$C_{11}H_9O_2N$. *py*-3-Methylquinoline-4-carboxylic acid. Ag (p. 425). *Beattie* 425
$C_{11}H_{10}O_2N_2$. (1) 1-Benzyluracil. *Johnson* and *Derby* 452
(2) 3-Benzyluracil. *Johnson* and *Derby* 452
$C_{11}H_{10}O_3N_2$ (1) 1-Benzyl-5-hydroxyuracil (1-benzylisobarbituric acid). *Johnson* and *Jones* 544
(2) 3-Benzyl-5-hydroxyuracil (3-benzylisobarbituric acid). *Johnson* and *Jones* 546
$C_{11}H_{10}O_4N_2$. 1-Benzylisodialuric acid. *Johnson* and *Jones* 546
$C_{11}H_{10}N_2Cl$. (1) 2-*o*-Toluidino-6-chlorpyrimidine. *Johnson* and *Storey* 141
(2) 2-*p*-Toluidino-6-chlorpyrimidine. *Johnson* and *Storey* 143
$C_{11}H_{11}ON_3$. (1) 2-*o*-Toluidino-6-oxypyrimidine. *Johnson* and *Storey* 140
(2) 2-*p*-Toluidino-6-oxypyrimidine. *Johnson* and *Storey* 142
$C_{11}H_{21}IAs$. (1) Triisopropylethylarsonium iodide. *Dehn* and *Williams* 112
(2) Tri-*n*-propylethylarsonium iodide. *Dehn* and *Williams* ... 113

11 IV.

$C_{11}H_9O_2N_2Br$ 3-Benzyl-5-bromuracil. *Johnson* and *Derby* 453
$C_{11}H_{10}ON_2S$. 2-Benzylmercapto-6-oxypyrimidine. Na + $3H_2O$ (p. 554). *Wheeler* and *Liddle* 555
$C_{11}H_{12}O_2NBr_2$. 3,5-Dibromphenylalanine ethyl ester. + HCl (p. 347). + $C_6H_2(NO_2)_3OH$ (p. 347). *Wheeler* and *Clapp* 346
$C_{11}H_{14}O_2NI$. Ethyl ester of *p*-iodphenylalanine. *Wheeler* and *Clapp* 467

C_{12}-GROUP.

12 II.

$C_{12}H_{11}As$. Diphenylarsine. *Dehn* and *Williams*..... 119
$C_{12}H_{13}N_3$. 2-*p*-Tolyl-4-methyl-6-aminopyrimidine. *Johnson* and *Storey*..... 146
$C_{12}H_{14}O_4$. Ethyl phthalate. *Tingle* and *Gorsline*..... 70,72,79
$C_{12}H_{22}O_{11}$. Cane sugar. *Getman* and *Wilson*..... 479
Morse and *Mears*..... 194
$C_{12}H_8As_2$. Diisoamyldimethylcacodyl. *Dehn* and *Wilcox*..... 123

12 III.

$C_{12}H_{11}N_2Cl$. 2-*p*-Tolyl-4-methyl-6-chlorpyrimidine. *Johnson* and *Storey*..... 144
$C_{12}H_{12}O_2N_2$. (1) 1-Benzylthymine. *Johnson* and *Derby*..... 456
(2) 3-Benzylthymine. *Johnson* and *Derby*..... 456
(3) 1-Methyl-3-benzyluracil. *Johnson* and *Derby*..... 454
$C_{12}H_{12}O_7N_4$. 3-*p*-Nitrobenzyloxynitrohydrothymine. *Johnson* and *Derby*..... 457
$C_{12}H_{12}N_2S$. 2-*p*-Tolyl-4-methyl-6-thiopyrimidine. *Johnson* and *Storey*..... 145

12 IV.

$C_{12}H_{10}ONCl$. α and β Methyl chlorimido-β-naphthoates. *Hilpert* 178
Stieglitz..... 39
$C_{12}H_{10}ONBr$. Methyl bromimido-β-naphthoate. *Hilpert*..... 193
$C_{12}H_{11}O_2N_2Br$. 1-Methyl-3-benzyl-5-bromuracil. *Johnson* and *Derby*..... 454

C_{13}-GROUP.

13 III.

$C_{13}H_{11}N_2S$. 2-*p*-Tolyl-4-methyl-6-thiocyanpyrimidine. *Johnson* and *Storey*..... 144
$(C_{13}H_{11}N_2S)x$. 2-*p*-Tolyl-4-methyl-6-isothiocyanpyrimidine. *Johnson* and *Storey*..... 145
$C_{13}H_{14}O_2N_2$. 1-Methyl-3-benzylthymine. *Johnson* and *Derby*... 457
$C_{13}H_{14}O_3N_2$. (1) 1-Benzyl-5-ethoxyuracil. *Johnson* and *Jones*.. 543
(2) 3-Benzyl-5-ethoxyuracil. *Johnson* and *Jones*..... 545
$C_{13}H_{14}N_4S$. 2-*p*-Tolyl-4-methyl-6-thioureapyrimidine. *Johnson* and *Storey*..... 146
$C_{13}H_{24}O_5N_2$. Diethyloxyacetylurea. $Ag_2 + 2H_2O$ (p. 291). Ca (p. 289). Cu (p. 291). CuMg (p. 290). $Hg + H_2O$ (p. 292). Mg (p. 290). $Zn + 2H_2O$ (p. 291). *Clemmensen* and *Heitman*..... 286

13 IV.

$C_{13}H_{12}ONCl$. α and β Ethyl chlorimido-β-naphthoates. *Hilpert* 183
Stieglitz 39
$C_{13}H_{14}ON_2S$. (1) 1-Benzyl-2-ethylmercapto-6-oxypyrimidine. *Johnson* and *Derby* 450
(2) 2-Ethylmercapto-3-benzyl-6-oxypyrimidine. *Johnson* and *Derby* 451
$C_{13}H_{26}O_4N_2S$. Diethyloxyacetylthiourea. *Clemmensen* and *Heitman* 296

13 V.

$C_{13}H_{13}ON_2BrS$. 2-Ethylmercapto-3-benzyl-5-brom-6-oxypyrimidine. *Johnson* and *Derby* 451

C_{14}-GROUP.

14 III.

$C_{14}H_{11}ON_3$. 2-β-Naphthylamino-6-oxypyrimidine. *Johnson* and *Storey* 144

14 IV.

$C_{14}H_{16}ON_2S$. (1) 2-Ethylmercapto-1-benzyl-5-methyl-6-oxypyrimidine. *Johnson* and *Derby* 455
(2) 2-Ethylmercapto-3-benzyl-5-methyl-6-oxypyrimidine. *Johnson* and *Derby* 456

C_{15}-GROUP.

15 IV.

$C_{15}H_9O_2NBr_2$. 3,5-Dibrombenzylphthalimide. *Wheeler* and *Clapp* 348
$C_{15}H_{18}O_2N_2S$. (1) 1-Benzyl-2-ethylmercapto-5-ethoxy-6-oxypyrimidine. *Johnson* and *Jones* 541
(2) 2-Ethylmercapto-3-benzyl-5-ethoxy-6-oxypyrimidine. *Johnson* and *Jones* 542

C_{16}-GROUP.

16 III.

$C_{16}H_{36}IAs$. Diisoamyl-*n*-propylarsonium iodide. *Dehn* and *Wilcox* 123

16 IV.

$C_{16}H_{13}O_2N_2I$. α-*p*-Iodbenzyl-γ-phenylhydantoin (phenylureide of *p*-iodphenylalanine). *Wheeler* and *Clapp* 466
$C_{16}H_{15}O_3N_2I$. α-*p*-Iodbenzyl-γ-phenylhydantoic acid (ureide of *p*-iodphenylalanine). *Wheeler* and *Clapp* 466

C_{17}-GROUP.

17 II.

$C_{17}H_{14}O_2$. α-Phenylcinnamylideneacetic acid. *Reimer* and *Reynolds* 432
$C_{17}H_{16}N_4$. (1) 2-*o*-Toluidino-6-anilinopyrimidine. + HCl (p. 142). *Johnson* and *Storey* 142
(2) 2-*p*-Toluidino-6-anilinopyrimidine. + HCl (p. 143). *Johnson* and *Storey* 143

17 III.

$C_{17}H_{32}O_6N_2$. Dipropyloxyacetylurea. Hg (p. 293). Mg (p. 293). *Clemmensen* and *Heitman* 292

17 IV.

$C_{17}H_{13}O_6NBr_2$. 3,5-Dibrombenzylaceticacidphthalamic acid. *Wheeler* and *Clapp* 343
$C_{17}H_{14}O_6NI$. *p*-Iodbenzylaceticacidphthalamic acid. *Wheeler* and *Clapp* 462

C_{18}-GROUP.

18 II.

$C_{18}H_{16}O_2$. Methyl α-phenylcinnamylideneacetate. *Reimer* and *Reynolds* 428
$C_{18}H_{17}N_3$. 2-*p*-Tolyl-4-methyl-6-anilinopyrimidine. *Johnson* and *Storey* 146

18 IV.

$C_{18}H_{13}O_7NBr_2$. 3,5-Dibrombenzylmalonicacidphthalamic acid. *Wheeler* and *Clapp* 342

C_{19}-GROUP.

19 I.

$C_{19}H_{18}$. 2-Methyl-3,6-diphenyl-1,3,5-hexadiën. *Reimer* and *Reynolds* 443

C_{20}-GROUP.

20 II.

$C_{20}H_{14}O_2$. *o*-Dibenzoylbenzene. *Kohler* 226

C_{21}-GROUP.

21 III.

$C_{21}H_{20}O_4Br_4$. Ethyl di(3,5-dibrombenzyl)malonate. *Wheeler* and *Clapp* 347

C_{22}-GROUP.

22 II.

$C_{22}H_{18}O$. Phenylbenzalpropiophenone(?). *Reimer* and *Reynolds*.. 439
$C_{22}H_{18}O_2$. α,β-Diphenyl-β-benzoylpropionic acid. + C_2H_5OH (p. 435). *Reimer* and *Reynolds*..... 435

22 IV.

$C_{22}H_{19}O_6NBr_2$. Ethyl 3,5-dibrombenzylphthalimidomalonate *Wheeler* and *Clapp*..... 341
$C_{22}H_{20}O_6NI$. Ethyl p-iodbenzylphthalimidomalonate. *Wheeler* and *Clapp*..... 461

C_{23}-GROUP.

23 II.

$C_{23}H_{20}O_2$. Methyl α,β-diphenylbenzoylpropionate. *Reimer* and *Reynolds*..... 436

C_{27}-GROUP.

27 I.

$C_{27}H_{20}$. (1)1,1,3-Triphenylindene. *Kohler*.....217, 231
(2) 1,2,3-Triphenylindene. *Kohler*.....217, 229

27 II.

$C_{27}H_{19}Br$. 1-Brom-1,2,3-triphenylindene. *Kohler*..... 222
$C_{27}H_{20}O$. Oxytriphenylindene. *Kohler*..... 224
$C_{27}H_{20}O_3$. o-Benzoyltriphenylacetic acid. Na + H_2O (p. 232). *Kohler*..... 232

27 III.

$C_{27}H_{21}OBr$. Bromtriphenylpropiophenone. *Kohler*..... 221

C_{28}-GROUP.

28 II.

$C_{28}H_{22}O$. Methoxytriphenylindene. *Kohler*..... 225
$C_{28}H_{22}O_3$. γ-Oxytetraphenylbutyric acid lactone. *Reimer* and *Reynolds*..... 438
$C_{28}H_{22}As_4$. Product of oxidation of benzylarsine. *Dehn* and *Williams*..... 115

C_{29}-GROUP.

29 I.

$C_{29}H_{24}$. 1-Ethyl-1,2,3-triphenylindene. *Kohler*..... 227

29 II.

$C_{29}H_{28}O$. (1) α,β-Diphenyl-γ-benzalbutyrophenone. *Reimer* and *Reynolds* 432, 437
(2) Ethoxytriphenylindene. *Kohler* 226
$C_{29}H_{24}O_3$. Benzoyltriphenylbutyrophenone. *Kohler* 228

29 III.

$C_{29}H_{23}OBr$. Brom-α,β-diphenyl-γ-benzalbutyrophenone. *Reimer* and *Reynolds* 440

C_{31}-GROUP.

31 II.

$C_{31}H_{28}O$. α-Phenyl-β-benzyl-γ-benzalpropylbenzyl ketone. *Reimer* and *Reynolds* 441

C_{54}-GROUP.

54 II.

$C_{54}H_{38}O_3$. Triphenylindenyl peroxide. *Kohler* 228

ERRATA.

Vol. 40, p. 294, l. 4, formula should read $\begin{matrix}(CH_3)_2C.OH.CO.NH\\(CH_3)_2C.OH.CO.NH\end{matrix}>CO$

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